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(54) Title: POLYOLEFIN PRODUCTION

(57) Abstract: Provided is a process for producing a polyolefin having a multimodal molecular weight distribution, which process comprises: (a) polymerizing a first olefin monomer in the presence of an isomerizable metallocene catalyst, to form a first multimodal polyolefin component; and (b) polymerizing a second olefin monomer in the presence of a second metallocene catalyst to form a second polyolefin component, wherein the molecular weight distribution of the first polyolefin component overlaps with the molecular weight distribution of the second polyolefin component.

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